

| INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | | ATTY. DOCKET NO. 59883-044 | SERIAL NO. Not yet assigned | | |
|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------|---------------------------------------|----------|-------------|
| | | | APPLICANT Joseph J. Bergmeister, et al. | | | |
| (PTO-1449) | | | FILING DATE June 23, 2003 | GROUP Not yet assigned | | |
| U.S. PATENT DOCUMENTS | | | | | | |
| EXAMINER' S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
| <i>M</i> | 2,802,889 | 08/13/1957 | Frevel, et al. | | | |
| | 3,325,556 | 06/13/1967 | De Rosset, et al. | | | |
| | 4,404,124 | 09/13/1983 | Johnson, et al. | | | |
| | 5,475,173 | 12/12/1995 | Cheung, et al. | | | |
| | 5,583,274 | 12/10/1996 | Cheung, et al. | | | |
| <i>D</i> | 5,489,565 | 02/06/1996 | Cheung et al. | | | |
| <i>D</i> | 5,587,348 | 12/24/1996 | Brown et al. | | | |
| <i>D</i> | 5,585,318 | 12/17/1996 | Johnson et al. | | | |
| <i>M</i> | 5,698,752 | 12/16/1997 | Brown et al. | | | |
| <i>D</i> | 5,866,735 | 02/02/1999 | Cheung et al. | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
| EXAMINER' S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation |
| | | | | | | Yes |
| <i>M</i> | DE 3312252 | 10/11/1984 | Germany (w/English Abstract) | | | |
| <i>D</i> | EP 0686615 | 12/13/1995 | European (w/English Abstract) | | | |
| <i>D</i> | EP 00689872 | 01/03/1996 | European | | | |
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| | | | | | | |
| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | |
| <i>M</i> | Boitiaux, J-P., "Newest hydrogenation catalysts", Hydrocarbon Processing, March 1985, pp. 51-59. | | | | | |
| <i>D</i> | Park, Yeung H., "Promotional Effects of Potassium on Pd/Al ₂ O ₃ Selective Hydrogenation Catalysts", Ind. Eng. Chem. Res., 1992, vol. 31, pp. 469-474. | | | | | |
| EXAMINER | <i>DACM</i> | DATE CONSIDERED <i>14/03/03</i> | | | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

| | | | | | |
|-------|---|----|---|------------------------|-----------------|
| Sheet | 1 | of | 1 | Attorney Docket Number | 60605-33836USPT |
|-------|---|----|---|------------------------|-----------------|

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | T ² |
|--------------------|-----------------------|------------------------------------------|--------------------------------|----------------------------------------------------|----------------|
| | | Number-Kind Code ² (if known) | | | |
| TD | A1 | US-6,127,588-A | 10-03-2000 | Kimble et al. | |
| TM | A2 | US-5,587,348-A | 12-24-1996 | Brown et al. | |
| TM | A3 | US-2002/0068843-A1 | 06-06-2002 | Dai et al. | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | T ² |
|--------------------|-----------------------|-----------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------|----------------|
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | |
| TD | B1 | WO-01/41923-A1 | 06-14-2001 | Phillips Petroleum Company | |

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NON PATENT LITERATURE DOCUMENTS

| | | | |
|-------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
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| Examiner Signature |  | Date Considered | 14/5/05 |
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